

CERTIFICATE OF COMPLETION

This is to Certify That

Yi Liu

Attended 2018 HIT International Summer School on Artificial Intelligence, and obtained 5 credits at Harbin Institute of Technology, Harbin, China.

Mini-courses on Artificial Intelligence:

- ✓ (Michael Jordan) Bandits, Optimization, Multiple Decisions and Reinforcement Learning *Michael Jordan*
- ✓ (Stephane Mallat) High-Dimensional Learning with Deep Convolution Networks *S. Mallat*
- ✓ (Stephen Wright) Optimization Algorithms and Their Use in Data Analysis *S. Wright*
- ✓ (Yonina Eldar) Recovering Lost Information in the Digital World *Yonina Eldar*
- ✓ (Benjamin Recht) Reinforcement Learning Through the Lens of Optimization *Ben Recht*
- ✓ (Stefano Ermon) Deep Generative Models *Stefano Ermon*
- ✓ (Sergey Fomel) Application of Artificial Intelligence for Computational and Exploration Geophysics

Harbin Institute of Technology
Issue Date: 20 August, 2018

Prof. Jianwei Ma
Organizer

Jianwei Ma